Faculty Profile

Basic Information:

NAME	:	**Dr. J. Krishna**
DESIGNATION	:	**Associate Professor**
DEPARTMENT	:	**AI & ML**
DATE OF JOINING	:	**17-06-2007**
EMAIL ID	:	**Krishna.j.jk@gmail.com**
EMPLOYEE ID	:	**87**

Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D	Rayalaseema University, Kurnool	2019
M.Tech. (CSE)	JNTU, Hyderabad	2012
M.E (CSE)	Sathyabama Univeristy, Chennai	2007
M.Sc (Maths)	Madurai Kamaraj University, Madurai	2004
PGDCA	JNTU, Hyderabad	1995
B.Sc (MPC)	Sri Krishnadevaraya University, Anantapur	1992

Research Details:

1. Areas of Specialization	:	Data Mining, Data Science, Machine Learning
2. No. of Publications	:	25
3. Awards Received	:	3
4. Research Guidance		
	No. of PhD Guided:	06 (Registered)
	No. of M.Tech. Guided:	09
	No. of B.Tech. Guided:	**30**
5. Details of Professional Membership:		• IAENG Member • IFERP Member • CSTA Member
6. Subjects Taught	:	C and Data Structures, Data Structures, Advanced Data Structures through C++, Computer Organization, Object Oriented Programming, Computer Networks, Compiler Design, Distributed Systems, Unix and Shell Programming, Object Oriented Analysis and Design, Network Management Systems, Network Programming, Linux Programming, .Net Programming, Database Management Systems, Data Warehousing and Data Mining, Python Programming, Machine Learning, Advanced Computer Architecture

Publication Details:

Title	Publisher	Published Year
Efficient Processing Of Location Based Spatial Query In Wireless Broadcasting Environment	International Journal Of Computer Applications In Engineering, Technology And Sciences (Ij-Ca-Ets)	2012
A Neighbor Coverage-Based Probabilistic Rebroadcast for Reducing Routing Overhead in Mobile Ad Hoc Networks	IJCAE-International Journal of Communications and Engineering	2013
Improving The Data Collection Rate In Wireless Sensor Networks By Using The Mobile Relays	International Journal of Advances in Science, Engineering and Technology(IJASEAT)	2013
A Review on Image Enhancement using Artificial neural Networks and Fuzzy Logic	International Journal of computer science Engineering and Scientific Technology	2016
Apriori Property based Algorithm (PApriori) for Finding Frequent Determinant Patterns from High Dimensional Datasets	International Journal for Scientific Research & Development	2017
DFP-MINER: Assessing The Accuracy Of Correlated Sequence Patterns From High Dimensional Biological Datasets	International Journal of Creative Research Thoughts	2017
Accurate And Efficient Mining For Confidence Colossal Patterns From High Dimensional Datasets: CDFP-MINE	International Journal of Advance Research in Science and Engineering	2017
Efficient High Utility Top-K Frequent Pattern Mining from High Dimensional Datasets	International Journal of Scientific Research in Computer Science	2017
Mining Competitors from Large Unstructured Datasets	International Journal of Advance Research in Science and Engineering	2018
An Efficient Closed Maximal Pattern Sequences Mining on High Dimensional Datasets	Asian Journal of Computer Science and Technology	2019
Efficient Information Dissemination in Vehicular Networks with Topological Approach	International Journal of Advanced Trends in Computer Science and Engineering	2020
Employee Performance Predicting Using Classification Techniques	Our Heritage Journal	2020
Smart and Safe Riding Jacket Using IoT	International Journal of Advance Research in Science and Engineering (IJARSE)	2020
Deep Learning for Monitoring Driver's Distraction from Physiological and Visual Signals	Drugs and Cell Therapies in Hematology	2021
An Efficient Web Scraping Method Using Web Pages Contained Additional Data	Compliance Engineering Journal	2021
Prediction Of Students' Achieving Results Using ML Algorithms	Compliance Engineering Journal	2021

Different Machine Learning Approaches for Predicting Students' Performance	International Journal of Science Technology and Management (IJSTM)	2021
Improving Cloud - Based Data Protection Using Block Chain Technology	Drugs and Cell Therapies in Hematology	2021
Ai-Enabled Secured Transportation System	Ijfans International Journal Of Food And Nutritional Sciences	2022
A Novel Dish Recognition Method Using Deep Learning	LNEE	2024
A Study on Predicting Skilled Employees' Using Machine Learning Techniques	LNEE	2024
Detection of Android Malware by Using Classification Algorithms	TELEMATIQUE	2024
Enhanced Sybil Attack Detection in Vanets through Combined Proof of Work and Location Verification	TELEMATIQUE	2024
Effect of learning rate on the performance of VGG-16 for prediction of cardiomegaly in chest X-ray images	Recent Advances in Materials Manufacturing and Machine Learning	2024
Analyzing Customer Feedback on Amazon to Reveal Sentiment Trends using Machine Learning	IEEE	2025

Patent Details:

S.No	Title of Patent	Submitted/Published/Awarded
1.	IoT Driven Machine Learning Model Waste Management System for Smart Cities	Published